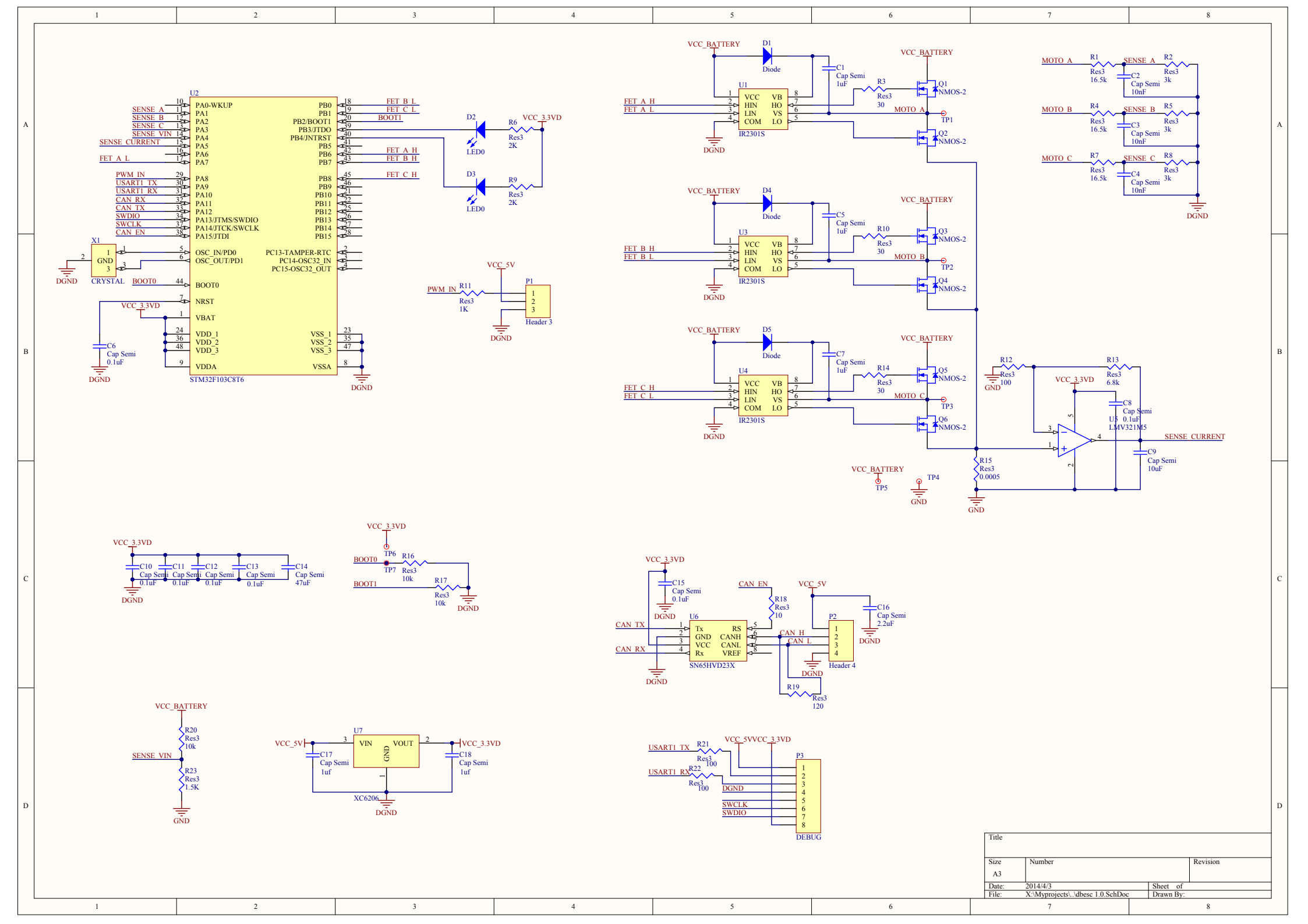

Title		
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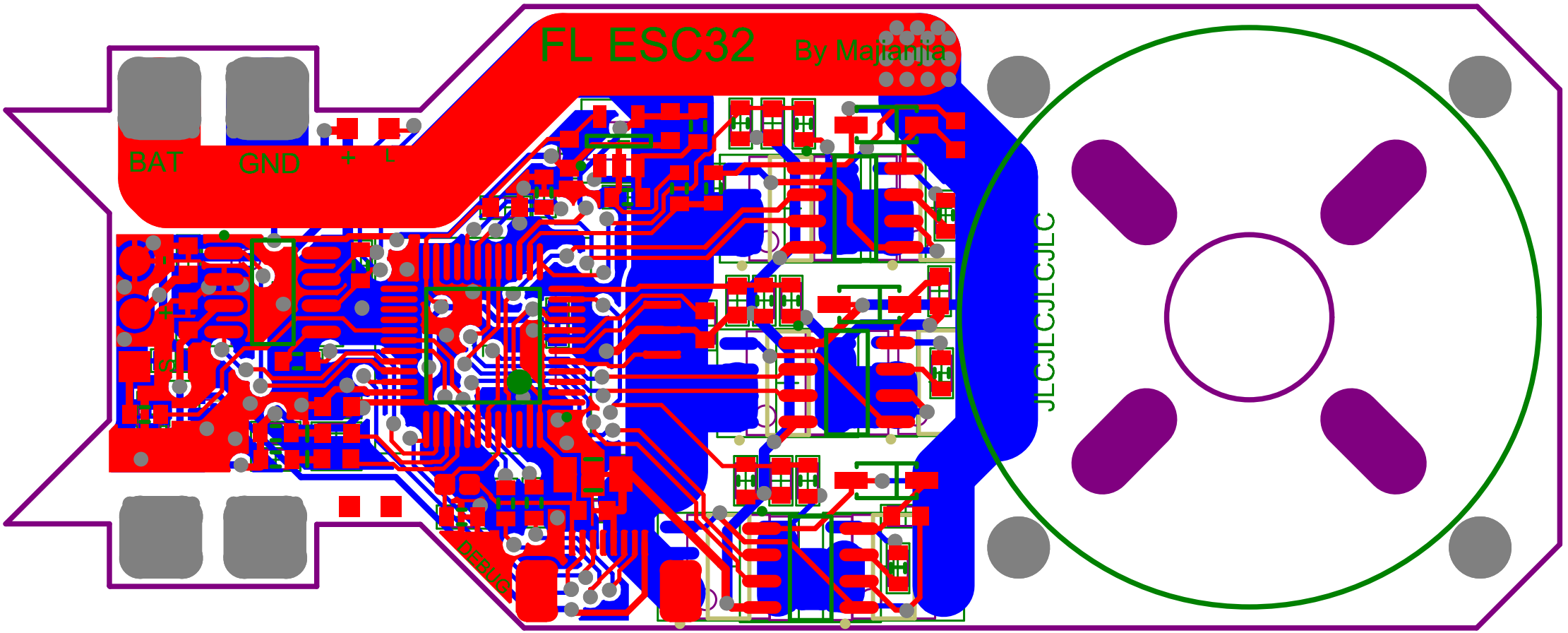
FL ESC32
By Majianjia
BAT
GND
+
L
JLCJLCJLCJLC
DEBUG

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Semi	Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C15, C16, C17, C18	1608[0603]	Cap Semi	17
Cap Semi	Capacitor (Semiconductor SIM Model)	C14	C1206	Cap Semi	1
Diode	Default Diode	D1, D4, D5	SOD123	Diode	3
LED0	Typical INFRARED GaAs LED	D2, D3	INDC1608L	LED0	2
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P2	HDR1X4	Header 4	1
DEBUG	Header, 8-Pin	P3	FPC 8P 0.5mm	Header 8	1
NMOS-2	N-Channel Power MOSFET	Q1, Q2, Q3, Q4, Q5, Q6	SOP8-MOS	NMOS-2	6
Res3	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R16, R17, R18, R19, R20, R21, R22, R23	J1-0603	Res3	22
Res3	Resistor	R15	RESC6332	Res3	1
TestPoint		TP1, TP2, TP3, TP4, TP5, TP6, TP7	TESTPOINT	TestPoint	7
IR2301S		U1, U3, U4	SOP8_L	SI2301S	3
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U2	LQFP48_N	STM32F103C8T6	1
LMV321M5	General Purpose, Low Voltage, Rail-to-Rail Output Operational Amplifiers	U5	MF05A_N	LMV321M5	1
SN65HVD23X		U6	SOP8_L	SN65HVD23X	1
XC6206		U7	SOT23-3_L	XC6206	1
CRYSTAL	CSCTE8M	X1	3213 CSTCE	Crystal	1